

L. Number	Hits	Search Text	DB	Time stamp
1	3	clce-\$ in. and hayden-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:49
2	3	6617122.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:49
3	2	lawn-\$ in. and garvin-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:49
4	2	5872237.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:49
5	2	6399373.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:49
6	2	6410709.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:49
7	2	6455291.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:49
8	25	(rosier-montus)-m\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:50
9	71	prades-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:50
10	612	lemoine-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:50
11	86	denefle-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:50
12	90	duverger-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:50
13	2597	brewer-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:50
14	35	remaley-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:50
16	3420	((rosier-montus)-m\$ in.) or prades-\$ in. or lemoine-\$ in. or naudine-\$ in. or denefle-\$ in. or duverger-\$ in. or brewer-\$ in. or remaley-\$ in. or santamarina-\$ in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:50

17	15	(abc1 or abc-1) with promoter	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:51
19	39	(abc1 or abc-1) with sequence	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:51
20	42	((abc1 or abc-1) with promoter) or ((abc1 or abc-1) with enhancer) or ((abc1 or abc-1) with sequence)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:51
21	13	((((abc1 or abc-1) with promoter) or ((abc1 or abc-1) with enhancer) or ((abc1 or abc-1) with sequence)) with human	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:51
22	13	(abc1 or abc-1) and (((rosier-montus)-m\$.in.) or prades-\$.in. or lemoine-\$.in. or naudine-\$.in. or deneffe-\$.in. or duverger-\$.in. or brewer-\$.in. or remaley-\$.in. or santamarina-\$.in.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:51
15	2	((rosier-montus)-m\$.in.) and prades-\$.in. and lemoine-\$.in. and deneffe-\$.in. and duverger-\$.in. and brewer-\$.in. and remaley-\$.in. and santamarina-\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:52
18	3	(abc1 or abc-1) with enhancer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/12 08:52

(FILE 'HOME' ENTERED AT 08:55:39 ON 12 JUL 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS' ENTERED AT 08:56:06 ON 12 JUL 2004

L1	33052 S (PULLINGER, ?)/IN,AU OR (FIELDING, ?)/IN,AU OR (HAKAMATA, ?)/
L2	4 S L1 AND HABC1
L3	1 DUPLICATE REMOVE L2 (3 DUPLICATES REMOVED)
L4	220 S (ROSIE, ?)/IN,AU
L5	6572 S (PRADES, ?)/IN,AU OR (LEMOINE, ?)/IN,AU OR (NAUDINE, ?)/IN,AU
L6	14937 S (BREWER, ?)/IN,AU OR (REMALEY, ?)/IN,AU
L7	1634 S (SANTAMARINA, ?)/IN,AU OR (FOJO, ?)/IN,AU
L8	22678 S L5 OR L6 OR L7
L9	137 S L8 AND (HABC1 OR HABC-1 OR ABC1 OR ABC-1 OR ABC)
L10	107 S L9 AND (PROMOTER OR ENHANCER OR GENE)
L11	88 S L10 AND TRANSPORTER
L12	40 S L11 AND SEQUENCE
L13	22 DUPLICATE REMOVE L12 (18 DUPLICATES REMOVED)

L3 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1
 ACCESSION NUMBER: 2000261282 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 10799318
 TITLE: Analysis of **hABC1** gene 5' end: additional peptide sequence, promoter region, and four polymorphisms.
 AUTHOR: **Pullinger C R; Hakamata H;** Duchateau P
 N; **Eng C;** Aouizerat B E; Cho M H; **Fielding C J; Kane J P**
 CORPORATE SOURCE: Department of Physiology, University of California, San Francisco, California, USA.. clivep@itsa.ucsf.edu
 CONTRACT NUMBER: HL 07731 (NHLBI)
 HL 31210 (NHLBI)
 HL 57976 (NHLBI)
 SOURCE: Biochemical and biophysical research communications, (2000 May 10) 271 (2) 451-5.
 Journal code: 0372516. ISSN: 0006-291X.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200006
 ENTRY DATE: Entered STN: 20000622
 Last Updated on STN: 20000714
 Entered Medline: 20000613

AB Evidence linking mutations in ATP-binding-cassette transporter gene 1 (ABC1) to Tangier disease suggests it functions in the active transport of free cholesterol out of cells. Since its mRNA level is regulated in response to cellular cholesterol stores it is of interest to explore its promoter response elements, and to investigate polymorphisms for their contributions to the prevalence of low levels of HDL in the population that promotes premature coronary heart disease. Investigation of the 5' end of the gene by 5' RACE analysis revealed 455 nucleotides additional to published sequences, and predicts another 60 amino acid N-terminal residues, resulting in a 2261-residue protein. Protein sequence analysis predicts a membrane-spanning region and possible signal peptide. The 5' flanking region was located by a Human Research Project BLAST search. This region contains regulatory elements that potentially control ABC1 gene expression. In addition to numerous SP1 binding sites there are four putative sterol regulatory elements (SREs). Our studies uncovered three single nucleotide substitution polymorphisms, one in the promoter region and two in the 5' untranslated region (5'UTR), plus an insertion/deletion polymorphism.
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